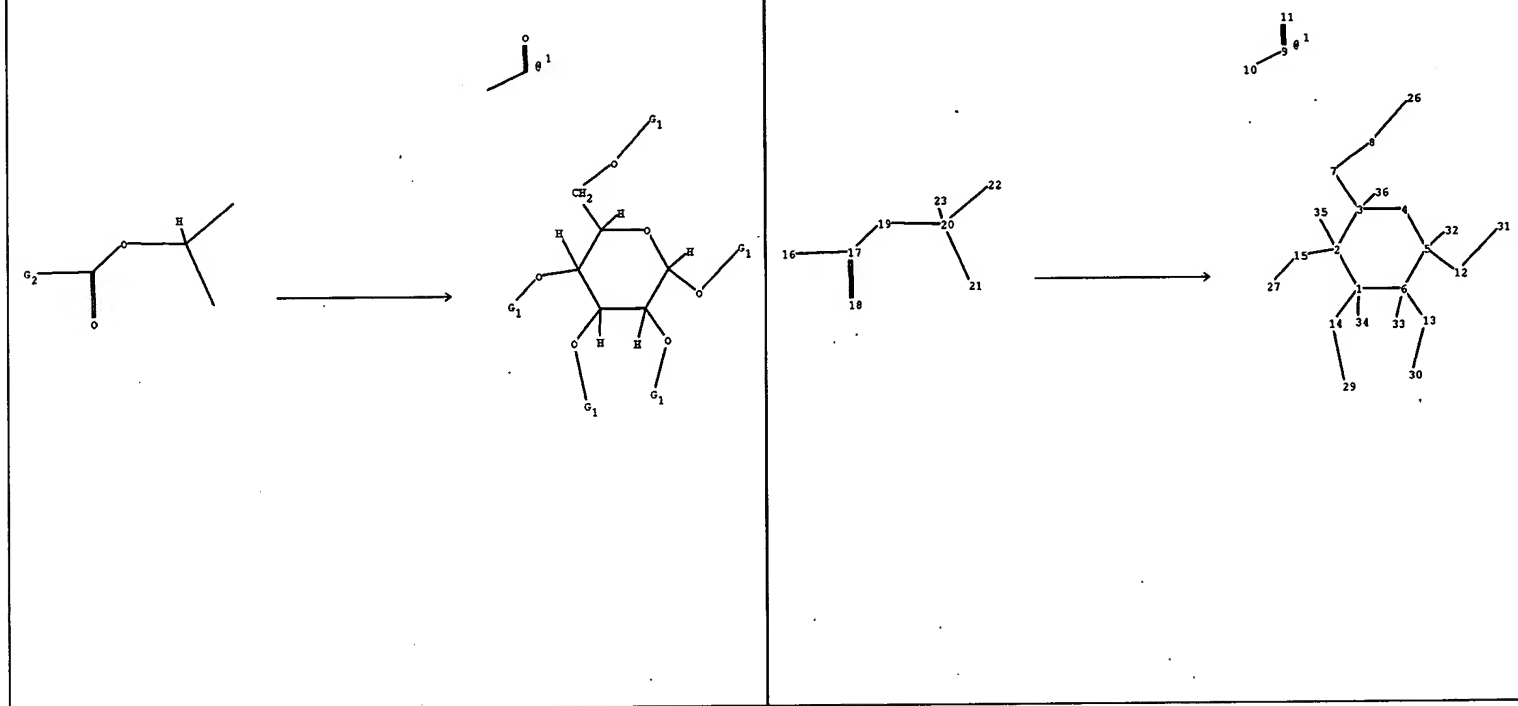


Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	alkyl adj haloformate SAME glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 13:27
L2	4	alkyl adj chloroformate SAME glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 13:30
L3	42	chloroformate SAME glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 13:34
L4	0	alkylchloroformate SAME glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 13:34
L5	0	methylchloroformate SAME glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 13:34
L6	7	\$chloroformate SAME glucose SAME acylation	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 13:37
L7	57	\$chloroformate SAME glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 13:45
L8	0	\$bromoformate SAME glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 13:45
L9	9429	\$bromoformate SAME glucose mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 13:46
L10	0	\$bromoformate SAME glucose adj mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 13:46
L11	0	\$bromoformate SAME glucose SAME mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 13:46
L12	12	\$chloroformate SAME glucose SAME mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:02

L13	0	\$chloroformate SAME acylated adj glucose SAME mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:03
L14	1	\$haloformate SAME acylated adj glucose SAME mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:04
L15	0	\$haloformate SAME acetylated adj glucose SAME mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:05
L16	0	\$haloformate SAME acetyl\$glucose SAME mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:05
L17	0	\$haloformate SAME acetyl adj glucose SAME mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:05
L18	0	acetyl adj glucose SAME mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:05
L19	0	acetyl\$glucose SAME mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:06
L20	0	acetylated adj glucose SAME mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:06
L21	1	acylated adj glucose SAME mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:07
L22	1	O-acylated adj glucose SAME mixed adj anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:07
L23	1	O-acylated adj glucose SAME anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:08
L24	0	O-acetylated adj glucose SAME anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:08

L25	0	O-acetyl adj glucose SAME anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:08
L26	0	O-acetylglucose SAME anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:08
L27	33	acylation SAME glucose SAME anhydride	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:32
L28	4	"5498708"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 14:38
L29	3	l28 and glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 15:07
L30	1	"EP 566438"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 15:07
L31	1	l30 and glucose	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 15:09
L32	9	"550225"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 15:09
L33	3	"5550225"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	OFF	2005/03/23 15:09



chain nodes :
 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 26 27 29 30 31 32
 33 34 35 36

ring nodes :
 1 2 3 4 5 6

chain bonds :
 1-14 1-34 2-15 2-35 3-7 3-36 5-12 5-32 6-13 6-33 7-8 8-26 9-11 9-10 12-31
 13-30 14-29 15-27 16-17 17-18 17-19 19-20 20-21 20-22 20-23

ring bonds :
 1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :
 1-2 1-6 1-14 2-3 2-15 3-4 4-5 5-6 5-12 6-13 8-26 9-11 12-31 13-30 14-29
 15-27 16-17 17-18 17-19 19-20

exact bonds :
 1-34 2-35 3-7 3-36 5-32 6-33 7-8 9-10 20-21 20-22 20-23

G1:H, [*1]

G2:Cl,Br,F,I

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
 11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS
 20:CLASS 21:CLASS 22:CLASS 23:CLASS 26:CLASS 27:CLASS 29:CLASS 30:CLASS 31:CLASS
 32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS

fragments assigned product role:

containing 1

fragments assigned reactant/reagent role:

containing 16

=> s 17

SAMPLE SEARCH INITIATED 19:39:44 FILE 'CASREACT'

SCREENING COMPLETE - 209 REACTIONS TO VERIFY FROM 11 DOCUMENTS

100.0% DONE 209 VERIFIED 0 HIT RXNS 0 DOCS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 3313 TO 5047

PROJECTED ANSWERS: 0 TO 0

L8 0 SEA SSS SAM L7 (0 REACTIONS)

=> s 17 sss full

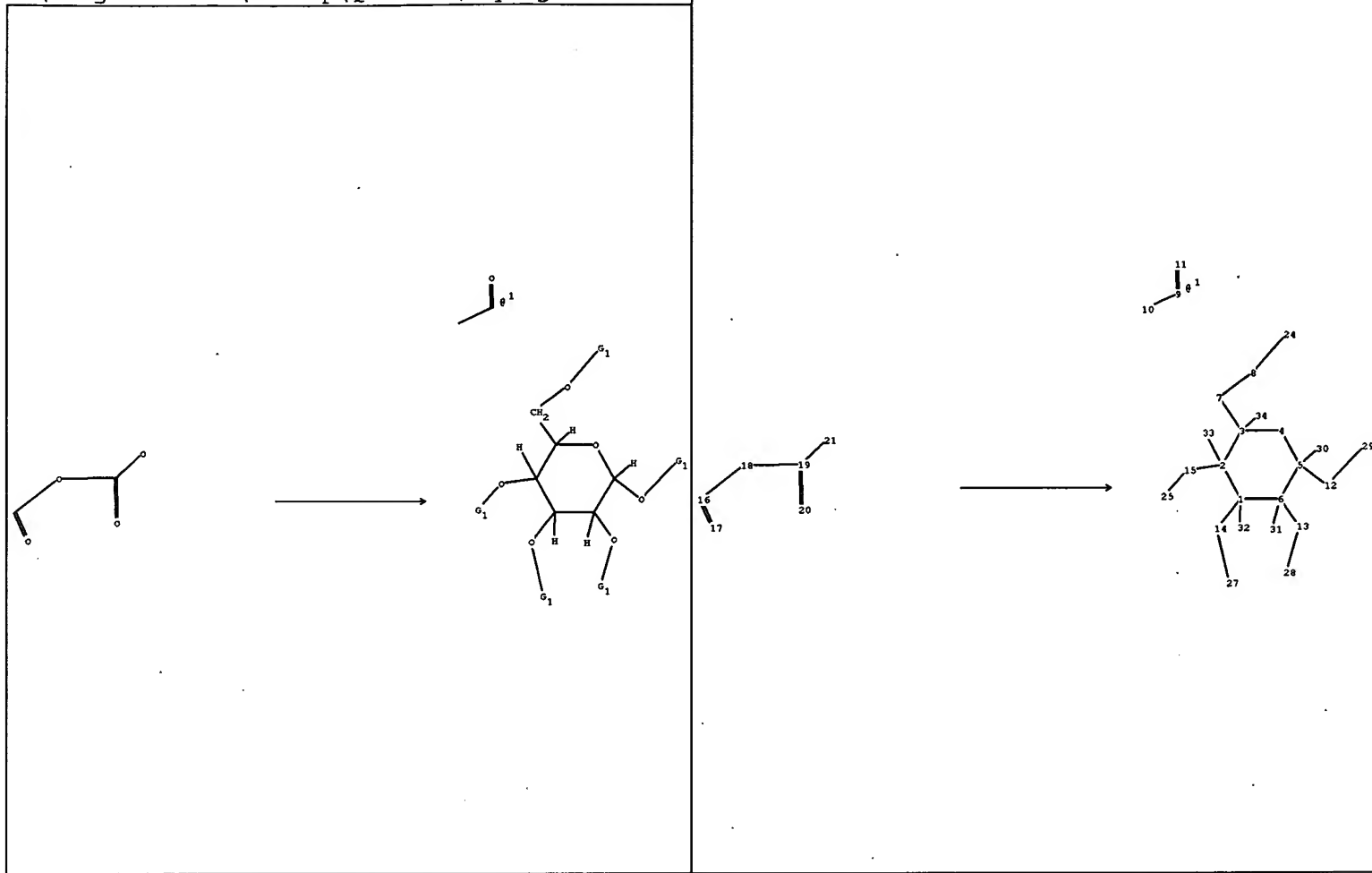
FULL SEARCH INITIATED 19:40:00 FILE 'CASREACT'

SCREENING COMPLETE - 3301 REACTIONS TO VERIFY FROM 121 DOCUMENTS

100.0% DONE 3301 VERIFIED 0 HIT RXNS 0 DOCS

SEARCH TIME: 00.00.01

L9 0 SEA SSS FUL L7 (0 REACTIONS)



chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 24 25 27 28 29 30 31 32
33 34

ring nodes :

1 2 3 4 5 6

chain bonds :

1-14 1-32 2-15 2-33 3-7 3-34 5-12 5-30 6-13 6-31 7-8 8-24 9-11 9-10 12-29
13-28 14-27 15-25 16-18 16-17 18-19 19-20 19-21

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 1-14 2-3 2-15 3-4 4-5 5-6 5-12 6-13 8-24 9-11 12-29 13-28 14-27
15-25 16-18 16-17 18-19 19-20 19-21

exact bonds :

1-32 2-33 3-7 3-34 5-30 6-31 7-8 9-10

G1:H, [*1]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 24:CLASS 25:CLASS 27:CLASS 28:CLASS 29:CLASS 30:CLASS 31:CLASS
32:CLASS 33:CLASS 34:CLASS

fragments assigned product role:

containing 1

fragments assigned reactant/reagent role:

containing 16

=> s l4

SAMPLE SEARCH INITIATED 19:33:29 FILE 'CASREACT'

SCREENING COMPLETE - 392 REACTIONS TO VERIFY FROM 22 DOCUMENTS

100.0% DONE 392 VERIFIED 0 HIT RXNS 0 DOCS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 6653 TO 9027

PROJECTED ANSWERS: 0 TO 0

L5 0 SEA SSS SAM L4 (0 REACTIONS)

=> s l4 sss full

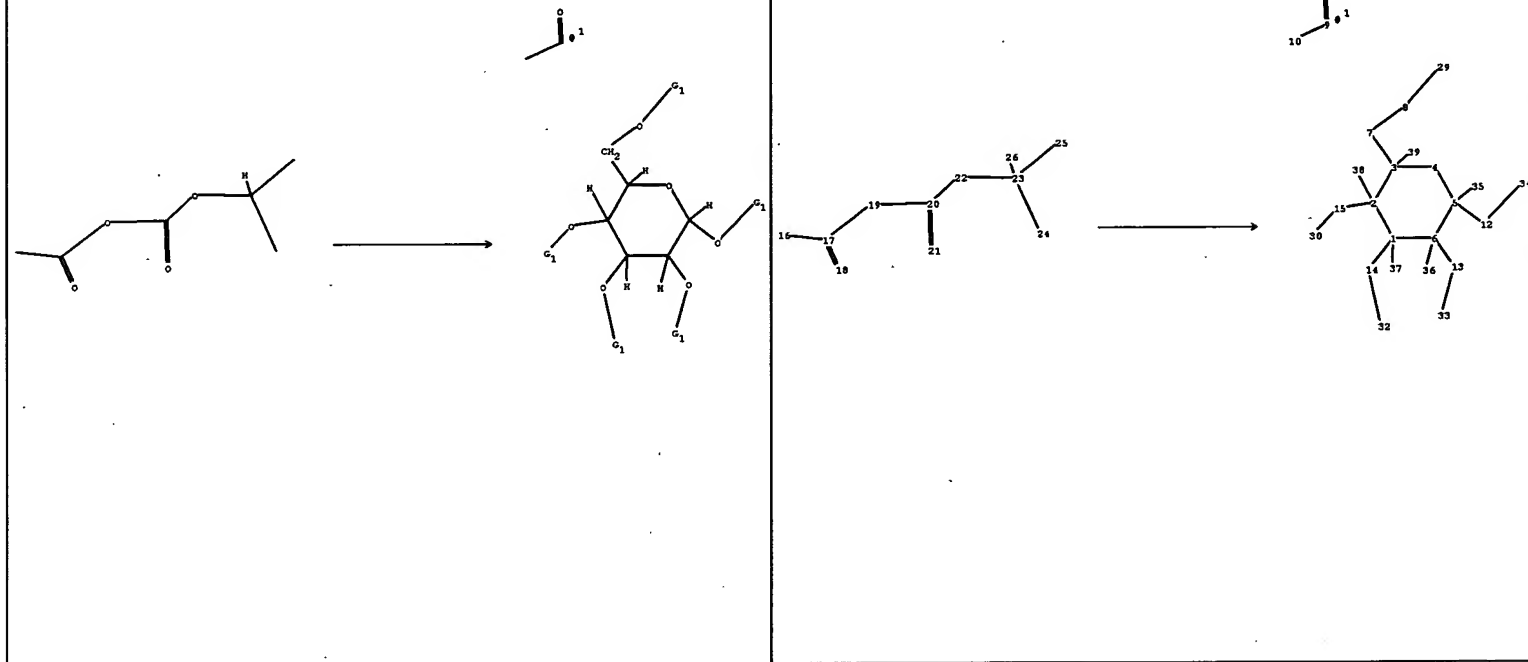
FULL SEARCH INITIATED 19:33:42 FILE 'CASREACT'

SCREENING COMPLETE - 7814 REACTIONS TO VERIFY FROM 387 DOCUMENTS

100.0% DONE 7814 VERIFIED 0 HIT RXNS 0 DOCS

SEARCH TIME: 00.00.02

L6 0 SEA SSS FUL L4 (0 REACTIONS)



chain nodes :

7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 29 30 32
33 34 35 36 37 38 39

ring nodes :

1 2 3 4 5 6

chain bonds :

1-14 1-37 2-15 2-38 3-7 3-39 5-12 5-35 6-13 6-36 7-8 8-29 9-11 9-10 12-34
13-33 14-32 15-30 16-17 17-18 17-19 19-20 20-21 20-22 22-23 23-24 23-25 23-26

ring bonds :

1-2 1-6 2-3 3-4 4-5 5-6

exact/norm bonds :

1-2 1-6 1-14 2-3 2-15 3-4 4-5 5-6 5-12 6-13 8-29 9-11 12-34 13-33 14-32
15-30 17-18 17-19 19-20 20-21 20-22 22-23

exact bonds :

1-37 2-38 3-7 3-39 5-35 6-36 7-8 9-10 16-17 23-24 23-25 23-26

G1:H, [*1]

Match level :

1:Atom 2:Atom 3:Atom 4:Atom 5:Atom 6:Atom 7:CLASS 8:CLASS 9:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS
20:CLASS 21:CLASS 22:CLASS 23:CLASS 24:CLASS 25:CLASS 26:CLASS 29:CLASS 30:CLASS
32:CLASS 33:CLASS 34:CLASS 35:CLASS 36:CLASS 37:CLASS 38:CLASS 39:CLASS

fragments assigned product role:

containing 1

fragments assigned reactant/reagent role:

containing 16

=> s l1

SAMPLE SEARCH INITIATED 19:30:20 FILE 'CASREACT'

SCREENING COMPLETE - 180 REACTIONS TO VERIFY FROM 10 DOCUMENTS

100.0% DONE 180 VERIFIED 0 HIT RXNS 0 DOCS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS: ONLINE **COMPLETE**

BATCH **COMPLETE**

PROJECTED VERIFICATIONS: 2796 TO 4404

PROJECTED ANSWERS: 0 TO 0

L2 0 SEA SSS SAM L1 (0 REACTIONS)

=> s l1 sss full

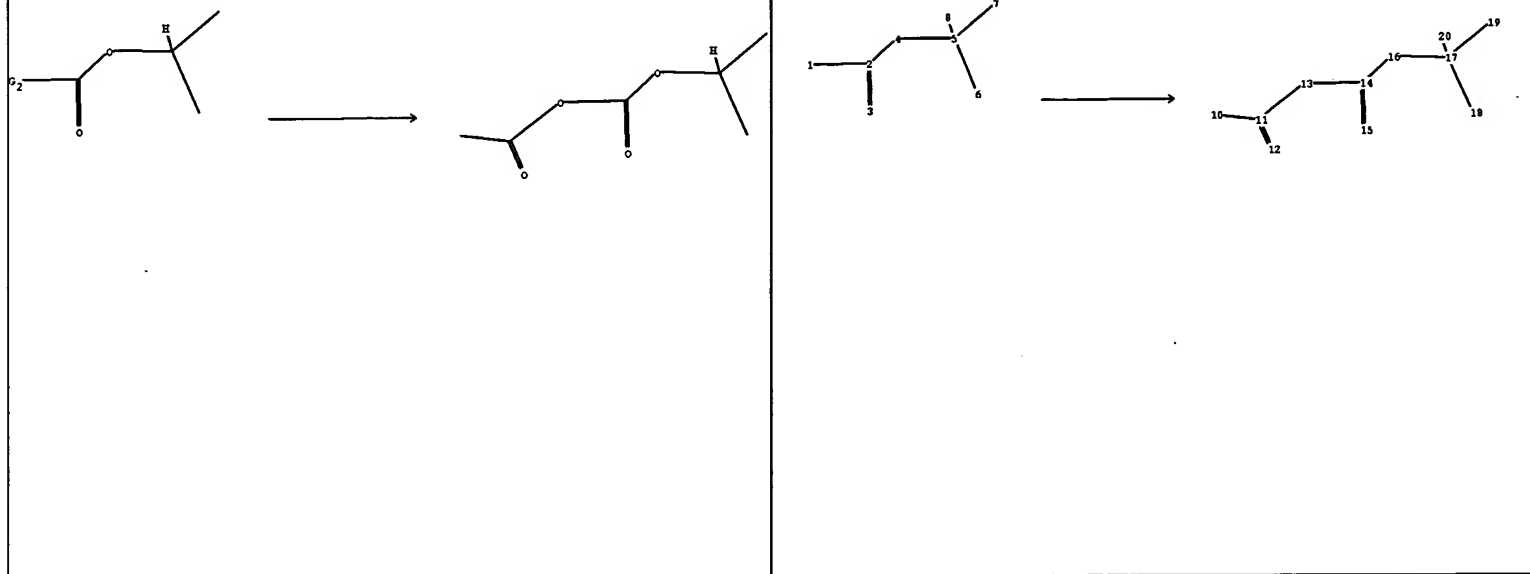
FULL SEARCH INITIATED 19:30:34 FILE 'CASREACT'

SCREENING COMPLETE - 4053 REACTIONS TO VERIFY FROM 205 DOCUMENTS

100.0% DONE 4053 VERIFIED 0 HIT RXNS 0 DOCS

SEARCH TIME: 00.00.01

L3 0 SEA SSS FUL L1 (0 REACTIONS)



chain nodes :

1 2 3 4 5 6 7 8 10 11 12 13 14 15 16 17 18 19 20

chain bonds :

1-2 2-3 2-4 4-5 5-6 5-7 5-8 10-11 11-12 11-13 13-14 14-15 14-16 16-17 17-18
17-19 17-20

exact/norm bonds :

1-2 2-3 2-4 4-5 11-12 11-13 13-14 14-15 14-16 16-17

exact bonds :

5-6 5-7 5-8 10-11 17-18 17-19 17-20

G1:H

G2:Cl,Br,F,I

Match level :

1:CLASS 2:CLASS 3:CLASS 4:CLASS 5:CLASS 6:CLASS 7:CLASS 8:CLASS 10:CLASS
11:CLASS 12:CLASS 13:CLASS 14:CLASS 15:CLASS 16:CLASS 17:CLASS 18:CLASS 19:CLASS
20:CLASS

fragments assigned product role:

containing 10

fragments assigned reactant/reagent role:

containing 1

=> d his

(FILE 'HOME' ENTERED AT 20:00:00 ON 23 MAR 2005)

FILE 'CAPLUS, MEDLINE' ENTERED AT 20:00:25 ON 23 MAR 2005

L1	0 S ?ACYL? GLUCO? (P) MIXED ANHYDRIDE?
L2	59 S GLUCO? (P) MIXED ANHYDRIDE?
L3	0 S L2 AND HALOFORMATE?
L4	0 S L2 AND HALOFORM?
L5	0 S L2 AND CLOROFORMATE?
L6	4 S L2 AND CHLOROFORMATE?
L7	0 S L2 AND BROMOFORMATE?
L8	0 S L2 AND IODOFORMATE?
L9	1 S L2 AND ALKYL ?FORMATE?
L10	18 S L2 AND ACYL?
L11	21 S L2 AND ACETYL?
L12	18 S L11 NOT L10
L13	19 S ESTER? (P) CARBONIC ACID? (P) GLUCOSE
L14	1 S HALOFORMATE (P) GLUCOSE
L15	1 S MIXED ANHYDRIDES (P) GLUCOSE (P) ?FORMATE?
L16	0 S MIXED ANHYDRIDES (P) GLUCOSE (P) SELECTIV?
L17	1 S MIXED ANHYDRIDE? (P) GLUCOSE (P) ?FORMATE?
L18	0 S MIXED ANHYDRIDE? (P) GLUCOSE (P) SELECTIV?
L19	0 S MIXED ANHYDRIDE? (P) GLUCOSE (P) REGIO?